

UTILITY PATENT APPLICATION TRANSMITTAL*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Attorney Docket No.: 4753-7

Inventors: Anand P. Narayan of 1950 Athens Street, Apt. C, Boulder, CO 80302
Prashant Jain of 11625 Community Center Dr., Apt. 1117, Northglenn, CO 80233

Express Mail Label No.: EL 975239916 US

Title: "METHOD AND APPARATUS FOR CHANNEL AMPLITUDE ESTIMATION AND
INTERFERENCE VECTOR CONSTRUCTION"**Box Patent Application**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This application claims priority from U.S. Provisional Patent Application No. 60/418,187 filed October 15, 2002. The entire disclosure of the provisional application is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference. Enclosed for filing with the above-identified utility patent application, please find the following:

1. [X] Applicant claims small entity status. See 37 CFR 1.27.
2. [X] Specification (Total Pages of Text, including Abstract and Claims: 45)
3. [X] Drawing(s) (35 USC 113) (Total Sheets: 8) [] FORMAL [X] INFORMAL
4. [X] Oath or Declaration (Total Pages: 3) [X] Signed [] Unsigned
5. [X] Return Postcard (MPEP 503) *(should be specifically itemized)*
6. [X] A check in the amount of \$707.00 is enclosed.

FEE CALCULATION:

	(COL. 1) NO. FILED			(COL. 2*) NO. EXTRA	SMALL ENTITY			LARGE ENTITY	
					RATE	FEE		RATE	FEE
BASIC FEE:						\$385.00	OR		\$770.00
TOTAL CLAIMS:	51	-	20	31	X \$9 =	\$279.00	OR	X \$18 =	
INDEP. CLAIMS:	4	-	3	1	X \$43 =	\$43.00	OR	X \$86 =	
MULTIPLE DEPENDENT CLAIMS					+ \$145 =	\$0.00	OR	+\$290 =	
*IF THE DIFFERENCE IN COL. 2 IS LESS THAN ZERO, ENTER "O" IN COL. 2.					TOTAL:	\$707.00			

OTHER INFORMATION:

1. ☒ The Commissioner is hereby authorized to debit any underpayments or credit any overpayment to Deposit Account No. 19-1970.
2. ☒ The Commissioner is hereby authorized to charge all required fees for extensions of time under §1.17 to Deposit Account No. 19-1970.

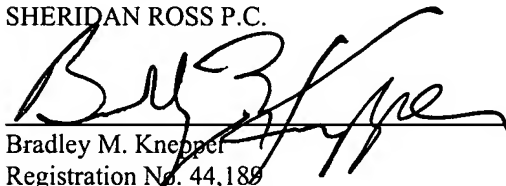
3. Correspondence Address:

Bradley M. Knepper
SHERIDAN ROSS P.C.
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
Telephone: (303) 863-9700
Facsimile: (303) 863-0223

4. ☒ Customer No: **22442**

Respectfully submitted,

SHERIDAN ROSS P.C.



Bradley M. Knepper
Registration No. 44,189

Date: October 15, 2003